r		1.0	T DB	T mi = 0 - 5 + 2 = - 1
L Number		Search Text	USPAT;	Time stamp 2003/11/10 12:20
. 1 i	i O	hiroki-tsutomo.in.	US-PGPUB	2003/11/10 12:20
		Notice that the state of the	USPAT;	2003/11/10 12:21
2	į ⁴	hiroki-tsutomu.in.	US-PGPUB	2003/11/10 12:21
3	4	 hiroki-tsutomu\$.in.	USPAT;	2003/11/10 12:21
; 3 	' 4	nitoxi-tsutomus.in.	US-PGPUB	2003/11/10 12.21
4,	0	hiroki-tsutomu-\$.in.	USPAT;	2003/11/10 12:22
: '' '	i O	III IOKI CSacomu-9.1II.	US-PGPUB	2003/11/20 12:22
5	2115	((414/935) or (414/939) or (118/719) or	USPAT;	2003/11/10 12:22
: - <i>)</i>	i 2-13	((4147)33) Of (4147)33) Of (1137)13) Of (156/345.31) or (156/345.32)).CCbs.	US-PGPUB	7.003711710 12.22
6	0	("5and@pd>-20030701").PN.	USPAT;	2003/11/10 12:24
i	1	Sanacpas 20050701 7:711.	US-PGPUB	2000, 12, 20
l 7	86	(((414/935) or (414/939) or (118/719) or	USPAT;	2003/11/10 12:24
i	, I	(156/345.31) or (156/345.32)).CCLS.) and	US-PGPUB	
1		@pd>-20030701		İ
-	116	(414/\$.ccls. 118/\$.ccls. 156/345.\$.ccls.)	USPAT;	2003/07/28 08:27
		and (articulat\$3 with linear\$3)	US-PGPUB	
-	54	(arm hand robot) with (articulat\$3 with	USPAT;	2003/07/27 19:29
		linear\$3 with extend\$3)	US-PGPUB	
_	1	("5993141").PN.	USPAT;	2003/07/28 08:23
			US-PGPUB	0000/00/00 55 55
-	5	5993141.URPN.	USPAT	2003/07/28 08:23
! 	28	("4009785" "4410209" "4566726"	USPAT	2003/07/27 19:30
		"4601627" "4775281" "4875824"		
: 	İ	"5080549" "5100502" "5147175" "5286296" "5382128" "5439547"		
	 	"5286296" "5382128" "5439547" "5474410" "5479108" "5562387"		
		3474410		
 		"5669644" "5697749" "5755469"	!	1
		"5789878" "5900105" "5950495"		
]	"5993141" "6048162" "6073366"		
		"6224319").PN.		
-	5	5993141.URPN.	USPAT	2003/07/28 08:23
-	5	5993141.URPN.	USPAT	2003/07/28 08:23
-	221	(414/\$.ccls. 118/\$.ccls. 156/345.\$.ccls.)	USPAT;	2003/07/28 08:25
]	and (articulat\$3 same linear\$3)	US-PGPUB	j
~	151	(414/\$.ccls. 118/\$.ccls. 156/345.\$.ccls.)	USPAT;	2003/07/28 08:28
		and (articulat\$3 same linear\$3 same (hand	US-PGPUB	Ì
	i	robot arm effector blade))		
_	116	(414/\$.ccls. 118/\$.ccls. 156/345.\$.ccls.)	USPAT;	2003/07/28 08:27
	į	and (articulat\$3 with linear\$3)	US-PGPUB	ļ <u></u>
-	68	((414/\$.ccls. 118/\$.ccls. 156/345.\$.ccls.)	USPAT;	2003/07/28 08:27
	į	and (articulat\$3 same linear\$3 same (hand	US-PGPUB	
		robot arm effector blade))) not		
	į	((414/\$.ccls. 118/\$.ccls. 156/345.\$.ccls.) and (articulat\$3 with linear\$3))	ļ	
]	0	(c23c016\$.ipc.) and (articulat\$3 same	EPO; JPO;	2003/07/28 08:31
		linear\$3 same (hand robot arm effector	DERWENT	2000,01720 00.01
	<u> </u>	blade))	551,411,1141	
_	i o	(c23c016\$.ipc.) and (articulat\$3 same	EPO; JPO;	2003/07/28 08:29
	ľ	linear\$3 same (hand robot arm effector	DERWENT	
		blade))		
_	1.0	(c23c016\$.ipc.) and (linear\$3 same (hand	EPO; JPO;	2003/07/28 08:29
] 	robot arm effector blade))	DERWENT	
_	213	(articulat\$3 same linear\$3 same (hand	EPO; JPO;	2003/07/28 08:31
	! 	robot arm effector blade))	DERWENT	
_	3	(articulat\$3 same linear\$3 same (hand	EPO; JPO;	2003/07/28 08:40
!	: 	robot arm effector blade) same (wafer	DERWENT	
		substrate semiconductor))		
_	70	((reciprocat\$5 extend\$3 retract\$4) same	EPO; JPO;	2003/07/28 08:41
		linear\$3 same (hand robot arm effector	DERWENT	
		blade) same (wafer substrate		j
		semiconductor))	TIC DAG	2003/07/28 00-01
_	654	((reciprocat\$5 extend\$3 retract\$4) same	USPAT;	2003/07/28 09:01
	 	linear\$3 same (hand robot arm effector	US-PGPUB	
		blade) same (wafer substrate semiconductor))		1
_	70	semiconductor)) ((reciprocat\$5 extend\$3 retract\$4) same	EPO; JPO;	2003/07/28 08:41
-	۱ / / /	linear\$3 same (hand robot arm effector	DERWENT	2003/01/20 00:41
		linearss same (mand robot arm effector blade) same (wafer substrate	DUGMENT	
		brade/ Same (warer Substrate semiconductor))		
	' — —————	710/02 10 06 04 PM	┸─	_1

Search History 11/10/03 12:26:24 PM Page 1

,	172	((reciprocat\$5 extend\$3 retract\$4) with	TUSPAT:	12003/07/28 09:52
-	112	; linear\$3 with (hand robot arm effector	US-PGPUB	7.003707720 03:37
		blade) same (wafer substrate	05 19105	
1		blade, same (water substrate semiconductor))	i	
	٥٢		JSPAT	2003/07/28 09:21
! -		4907931.URPN.		2003/07/28 10:37
] -	9	("3503527" "4103232" "4407627"	USPAT] 2003/01/28 10:31
i i		4441853" "4457664" "4655584"		
1		"4695215" "4746256" "4752898").PN.		1 (0.0 .00 .00
1 - i		4695215.URPN.	USPAT	2003/07/28 09:26
-	13	(("4552504") or ("4654106") or ("4908095")	USPAT;	2003/07/28 10:47
l i		or ("5011366") or ("5064340") or	US-PGPUB	
}		("5306380") or ("5655060") or ("5746565")		}
		or ("5823736") or ("5989346") or		Ì
1		("6051101") or ("6155768") or	\	}
! [("6164894")).PN.		
\ - \ \	11	5306380.URPN.	USPAT	2003/07/28 09:55
¦ -	13	5823736.URPN.	USPAT	2003/07/28 10:40
	8	("3817402" "4591044" "4776745"	USPAT	2003/07/28 10:42
ł í		"5197089" "5345639" "5374147"		
Į l		"5445491" ("5540535").PN.		1
-	29		USPAT;	2003/07/28 10:58
		substrate)	US-PGPUB	
_	0	6331095.URPN.	USPAT	2003/07/28 10:54
-	7	("4816098" "5823736" "5879128"	USPAT	2003/07/28 10:54
		"5879460" "5883017" "5934856"	ì	
i i		"5989346").PN.	ļ	İ
1_	0	414/.222.04.ccls, and (wafer semiconductor	USPAT;	2003/07/28 10:59
l i	V	substrate)	US-PGPUB	1 2003, 01, 20 20.33
}	21	414/222.04.ccls. and (wafer semiconductor	USPAT:	2003/07/28 10:59
ļ	-1	substrate)	US-PGPUB	2003/07/20 10:37
1_ 1	.,	414/222.05.ccls. and (wafer semiconductor	USPAT:	2003/07/28 11:00
i !	,	substrate)	US-PGPUB	2003/01/20 11:00
1_	ລ	414/222.06.ccls. and (wafer semiconductor	USPAT;	2003/07/28 11:00
1	O	substrate)	US-PGPUB	2003/07/20 11:00
_	3/	(414/222.04.cols. and (wafer semiconductor	USPAT;	2003/07/28 11:00
	34	substrate)) (414/222.05.ccls. and (wafer	US-PGPUB	2.003/01/26 11:00
i .		substrate)) (414/222.05.ccis. and (water semiconductor substrate))	03-PGP08	
j ((414/222.06.ccls. and (wafer semiconductor	ļ	i
I ₋ _ ₋		substrate))	L., ., .,	_L